



FEMA



Prepared by
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FEMA Region 6 Weather Threat Briefing

Sunday, September 23, 2018

Disclaimer: The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information.

To find your local NWS forecast office, go to www.weather.gov/srh.

Today

- Areas of heavy rain/flash flooding will likely continue over S AR and into the ArkLaTex.
- River flooding will continue in SE OK & TX.

Monday - Tuesday

- River flooding will continue in TX and SE OK.
- No other significant weather is expected.

Wednesday - Thursday

- Isolated heavy rain possible across S LA into SE & S-Central TX.

Tropical Outlook

- See slides 4 – 6 for more information on four systems NHC is currently monitoring.

FEMA Region 6 Threat Matrix

Sept 23, 2018 – Sept 27, 2018



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DAY / THREAT	SUN	MON	TUE	WED	THU
Severe Storms					
Heavy Rain / Flash Flooding	S AR into the Arklatex			S LA, SE & S-Central TX	S LA, SE & S-Central TX
Fire Weather					
Tropical Weather					
River Flooding	SE OK, N & STX	SE OK, N & STX	SE OK, N & STX	SE OK, N & STX	SE OK, N & STX

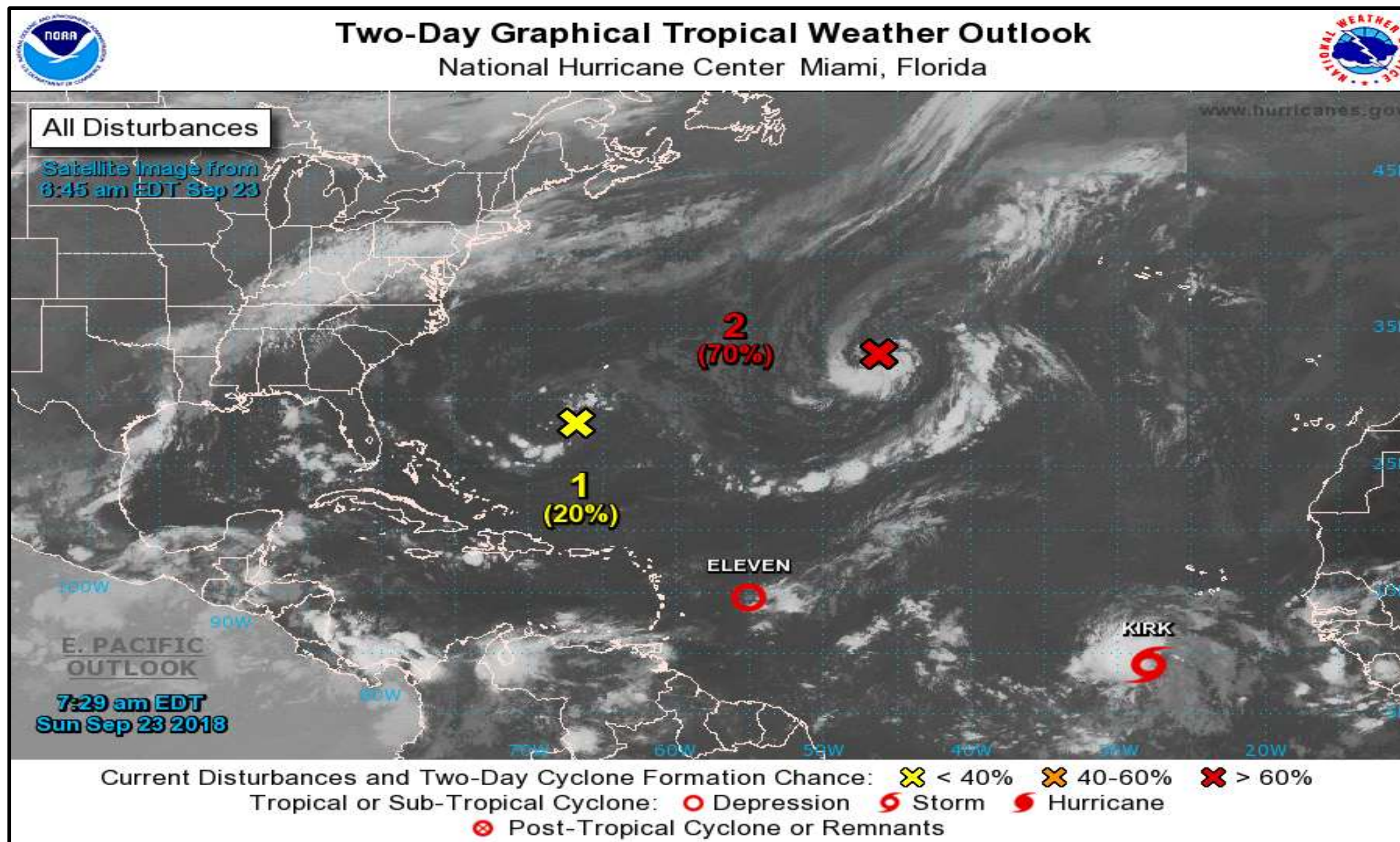
	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

**Threat levels are based on FEMA Region 6 criteria.
State or local threat level criteria may differ.*
For more details on the colors in the threat matrix refer to the last slide in this briefing.*

Tropical Weather Outlook – Atlantic/Gulf



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Some slow development is possible over the next couple of days. This low is forecast to move westward and W-NW at about 10mph over the SW Atlantic Ocean and by Tuesday or Wednesday, environmental conditions should limit development as it is moving by the SE coast of the U.S.

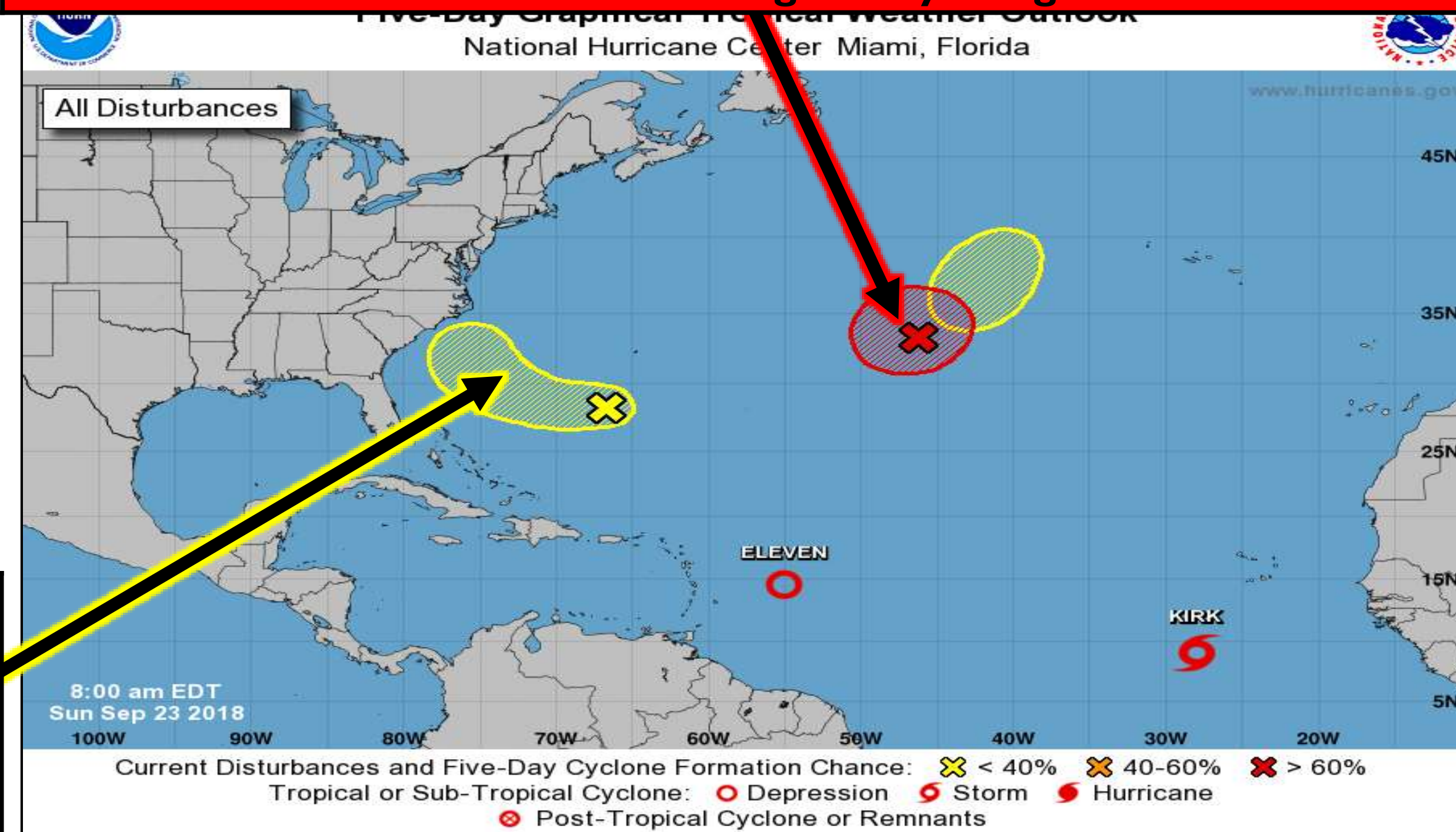
Formation chance through 48 hours...low...20%

Formation chance through 5 days...low...30%

A subtropical or tropical cyclone is likely to form by early next week while this low meanders over the central Atlantic Ocean. The other area nearby may also do the same later this week.

Formation chance through 48 hours...high...70%

Formation chance through 5 days...high...70%

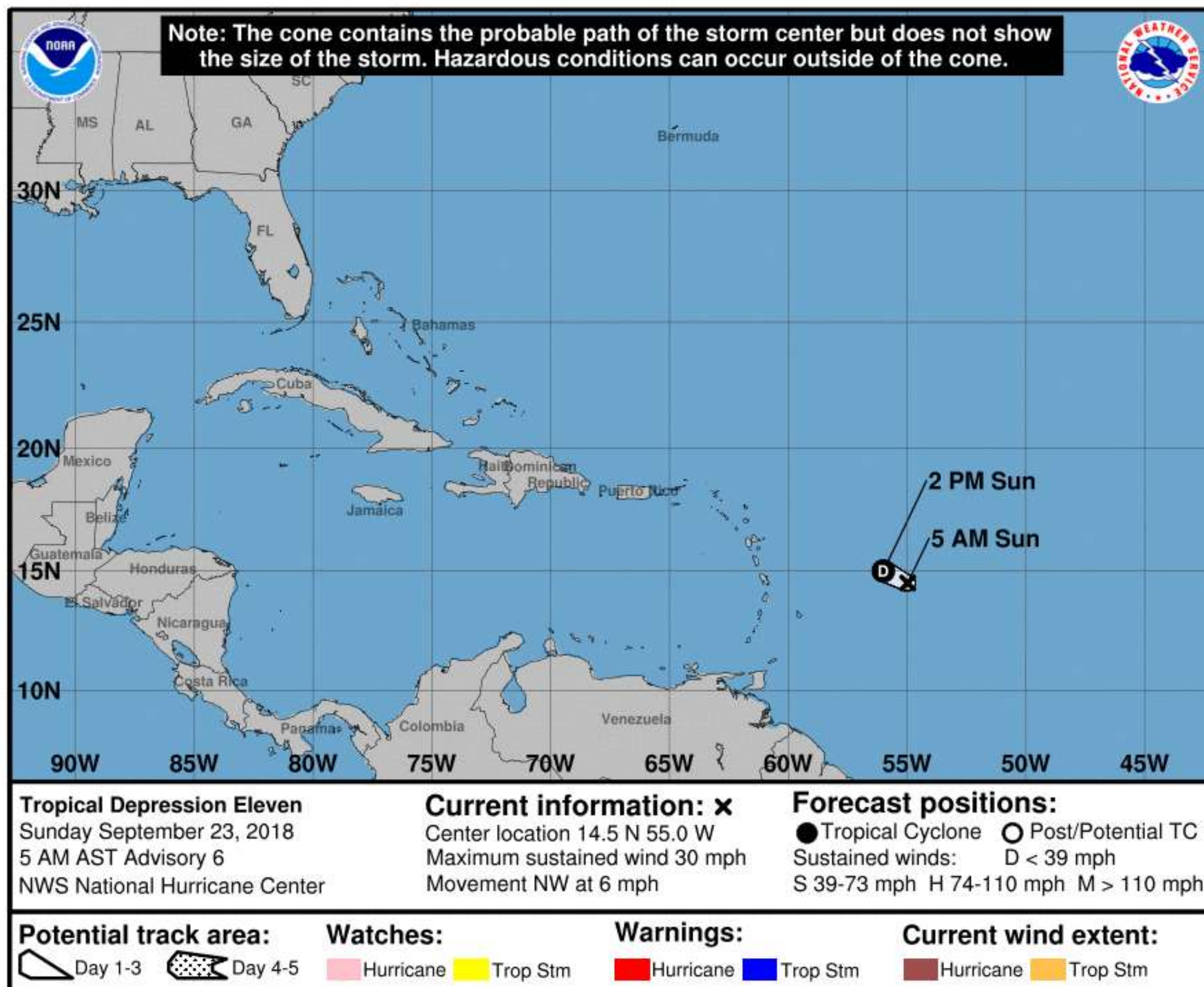


See next slides for information on Tropical Depression Eleven and Tropical Storm Kirk.

Tropical Depression Eleven



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Tropical Depression Eleven is poorly organized and expected to dissipate soon.

Tropical Storm Kirk



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Tropical Storm Kirk is accelerating westward over the eastern tropical Atlantic. It is currently moving around 18mph and an even faster westward motion is expected through Tuesday.

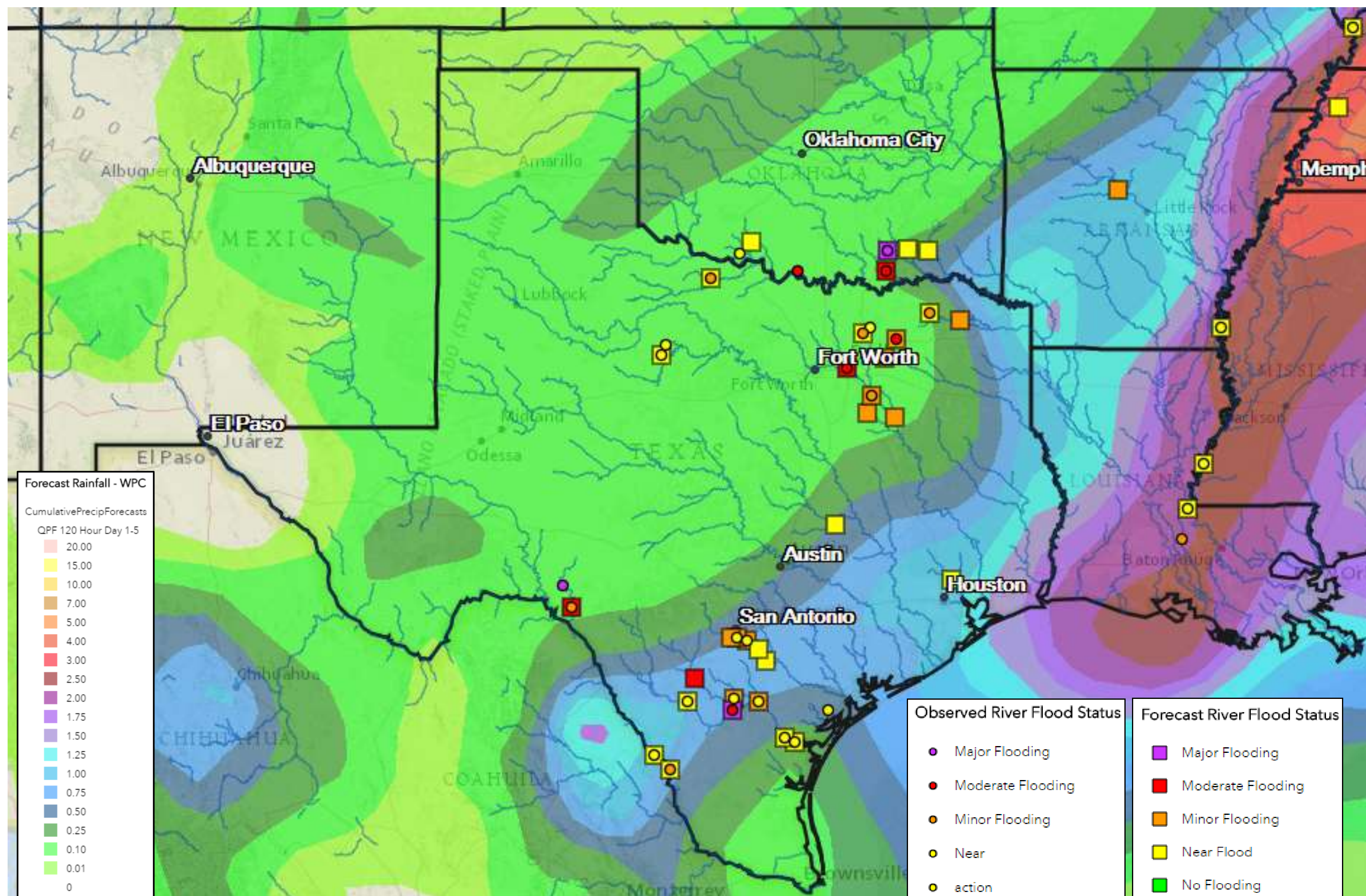
Maximum sustained winds are near 40mph, some strengthening is forecast during the next day or two. Weakening is likely during the middle to latter part of the week.

5-Day Precipitation Forecast & River Flood Status



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Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall



River flooding in Dallas will continue to recede.
Ongoing flooding on the Nueces and high inflows into Lake Corpus.

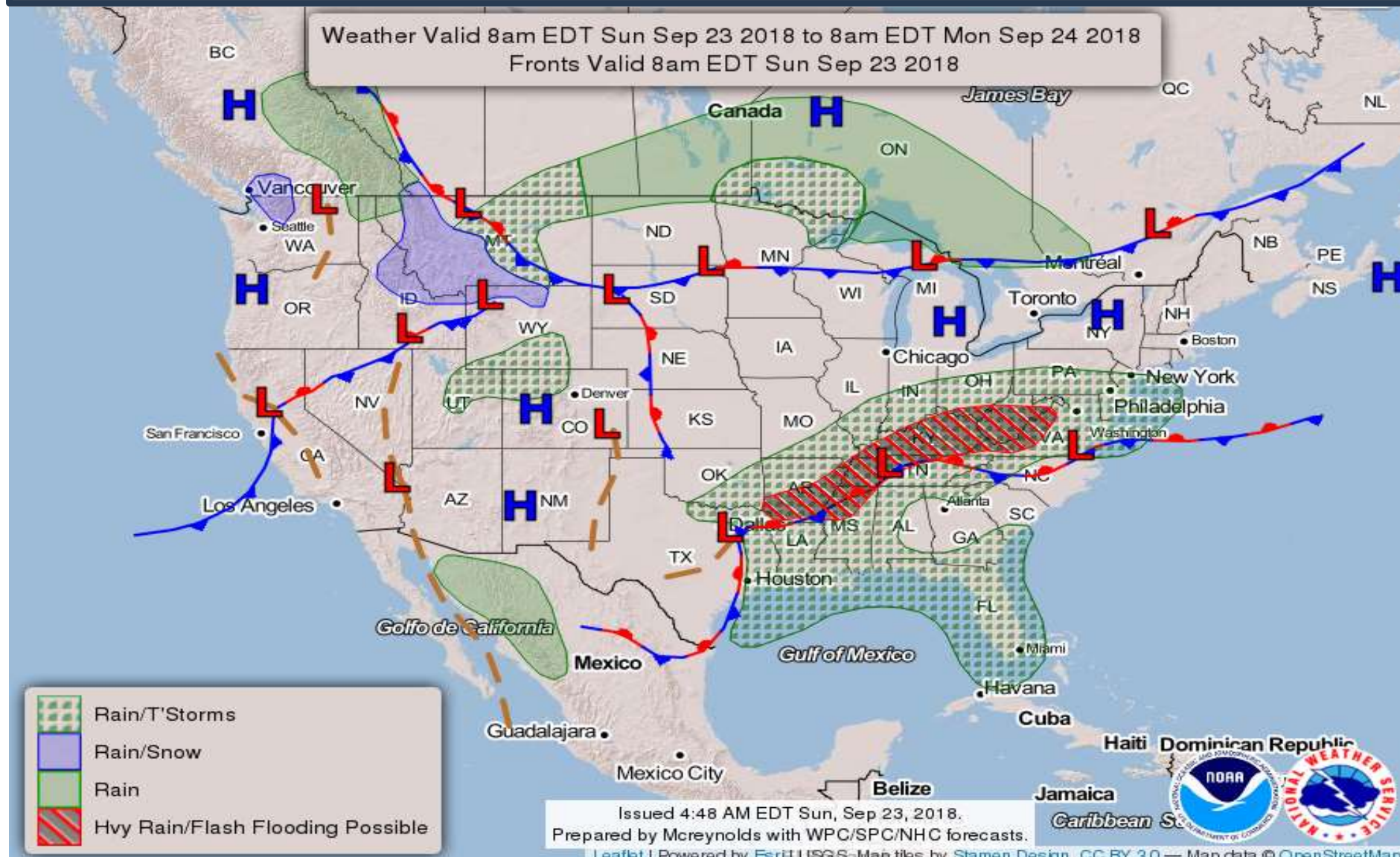
The Clear Boggy Creek above Caney Creek near Caney in SE OK is in Major Flood Stage (record flooding).
Agricultural impacts are likely, along with rural roads impassable.

Today's Weather

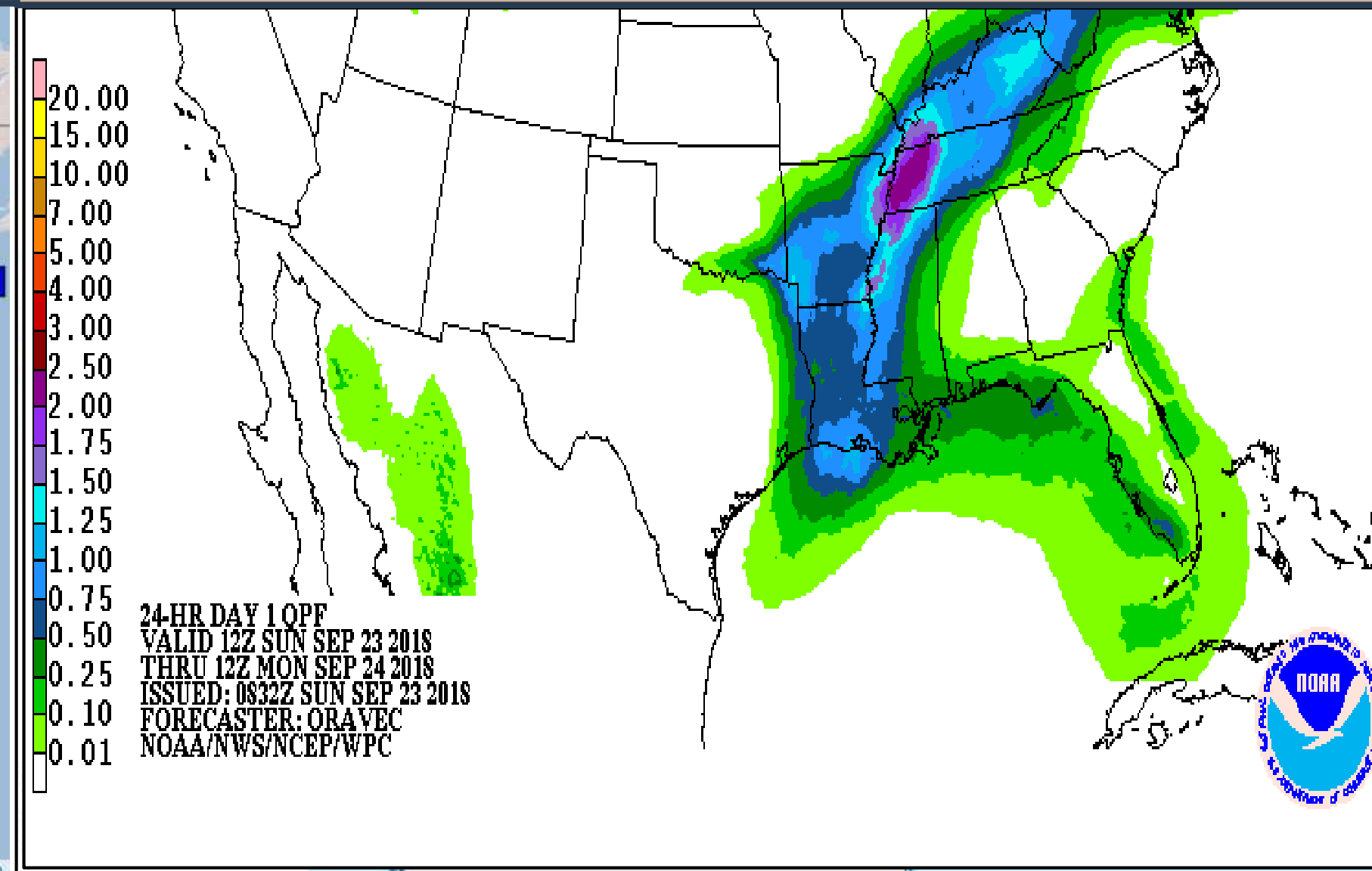


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Forecast Chart

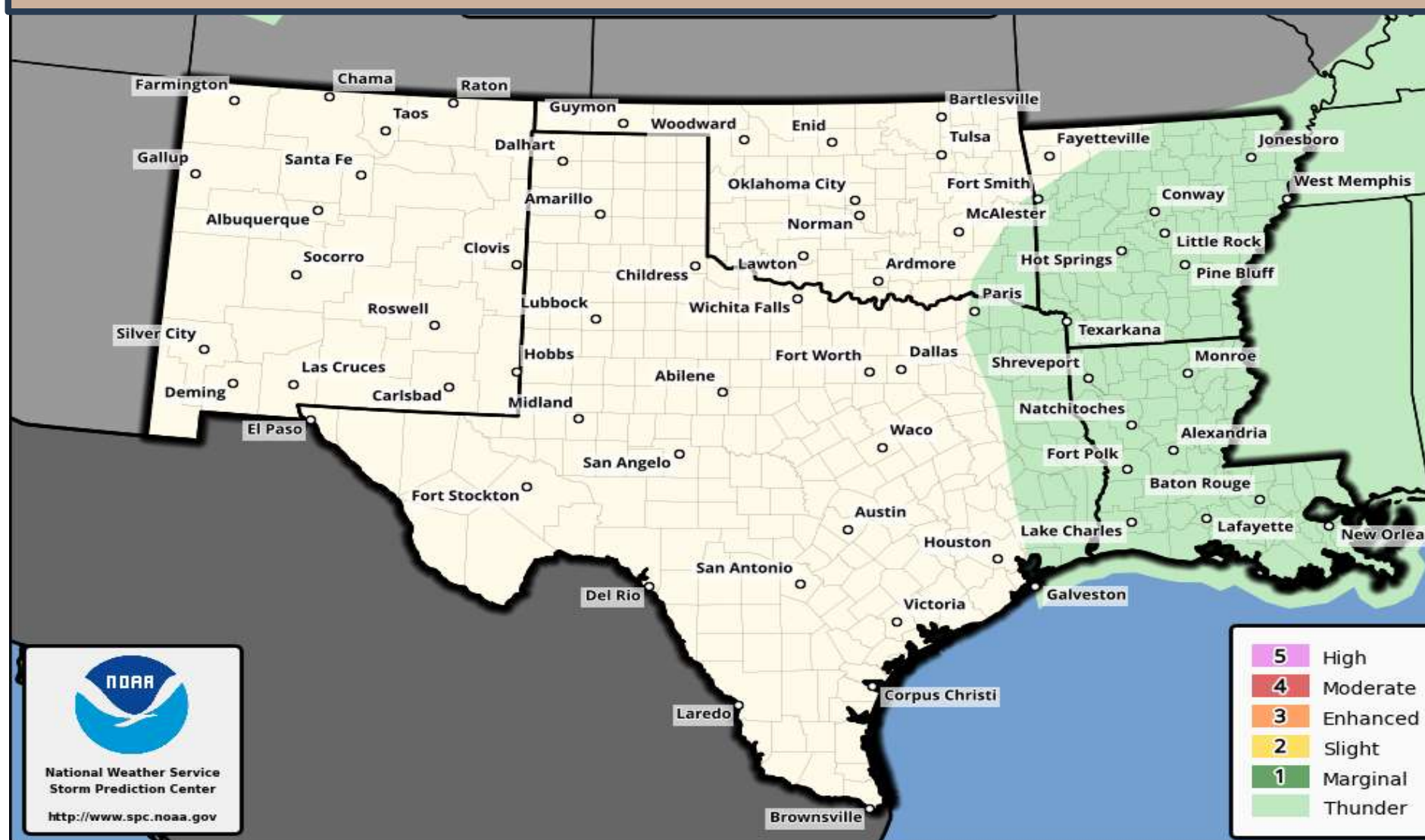


Forecast Rainfall



Areas of heavy rain/flash flooding will likely continue over SAR and into the ArkLaTex.

Severe Weather Outlook



Excessive Rainfall Outlook



Watches, Warnings, and Advisories



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Fire Weather



Graphic Created

Severe Weather & Flooding



Graphic Created

**Flash Flood Watches in effect
over the ArkLaTex.**

Strong & Gusty Winds



Graphic Created

Winter Weather



Graphic Created

Tomorrow's Weather

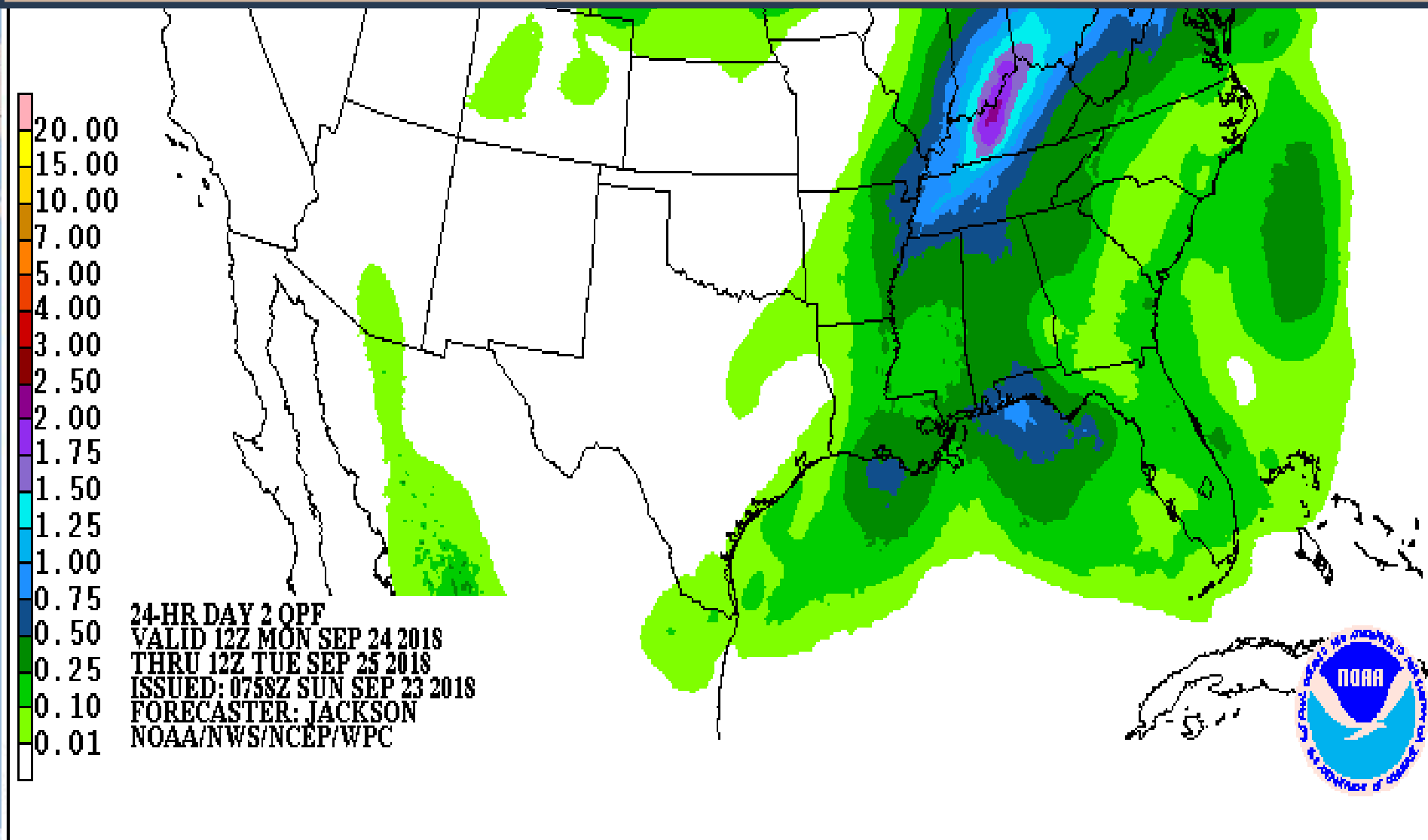
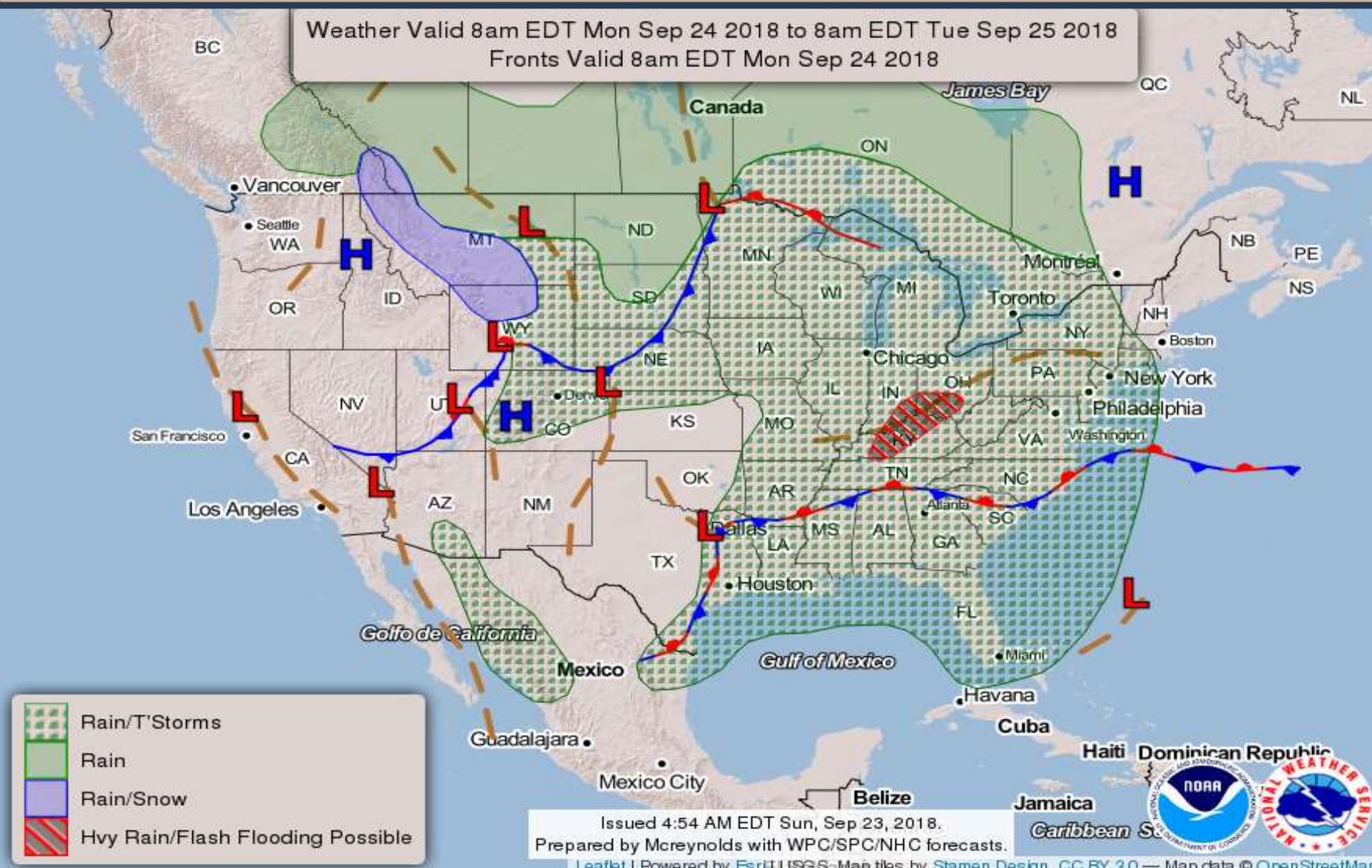


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Forecast Chart

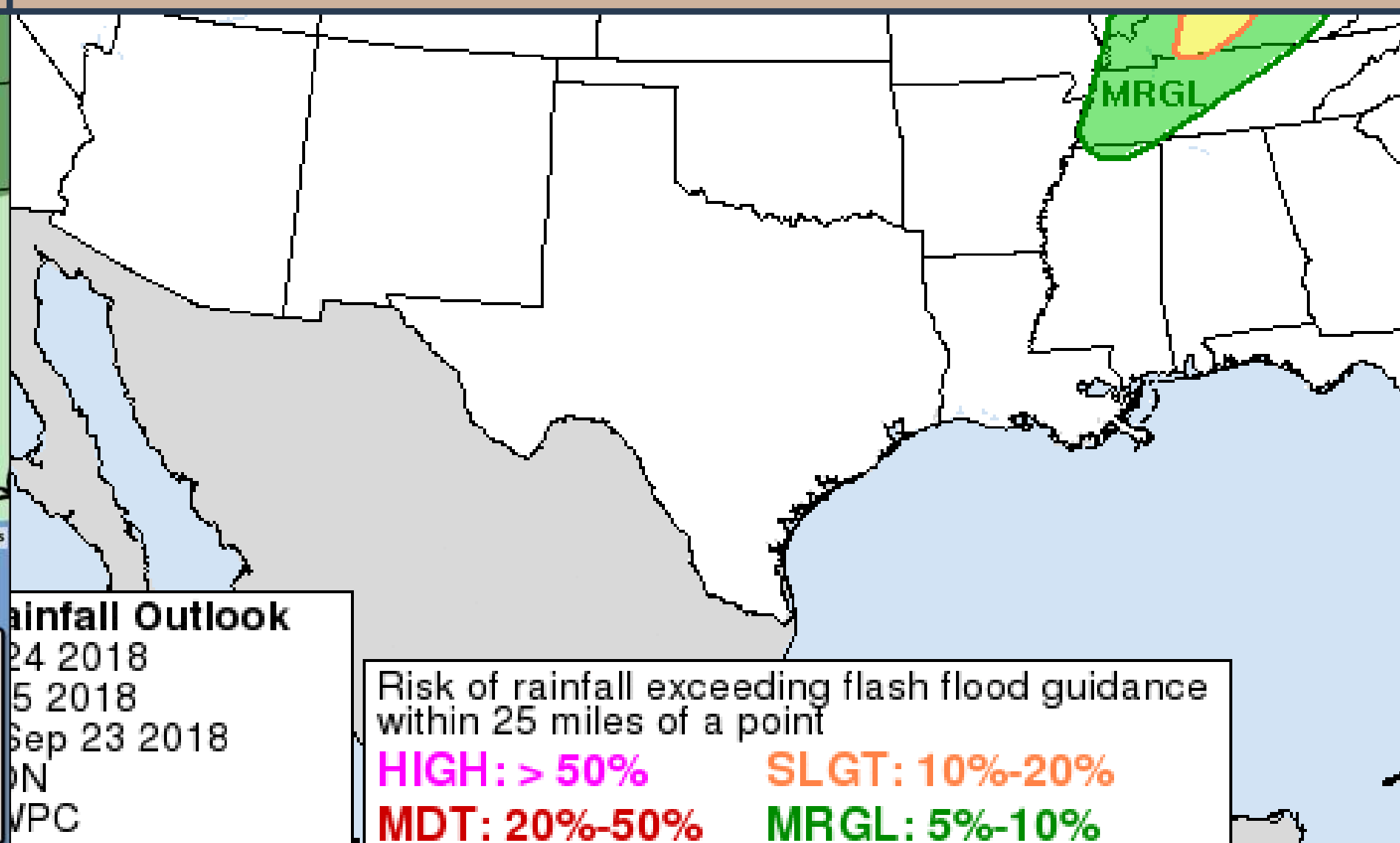
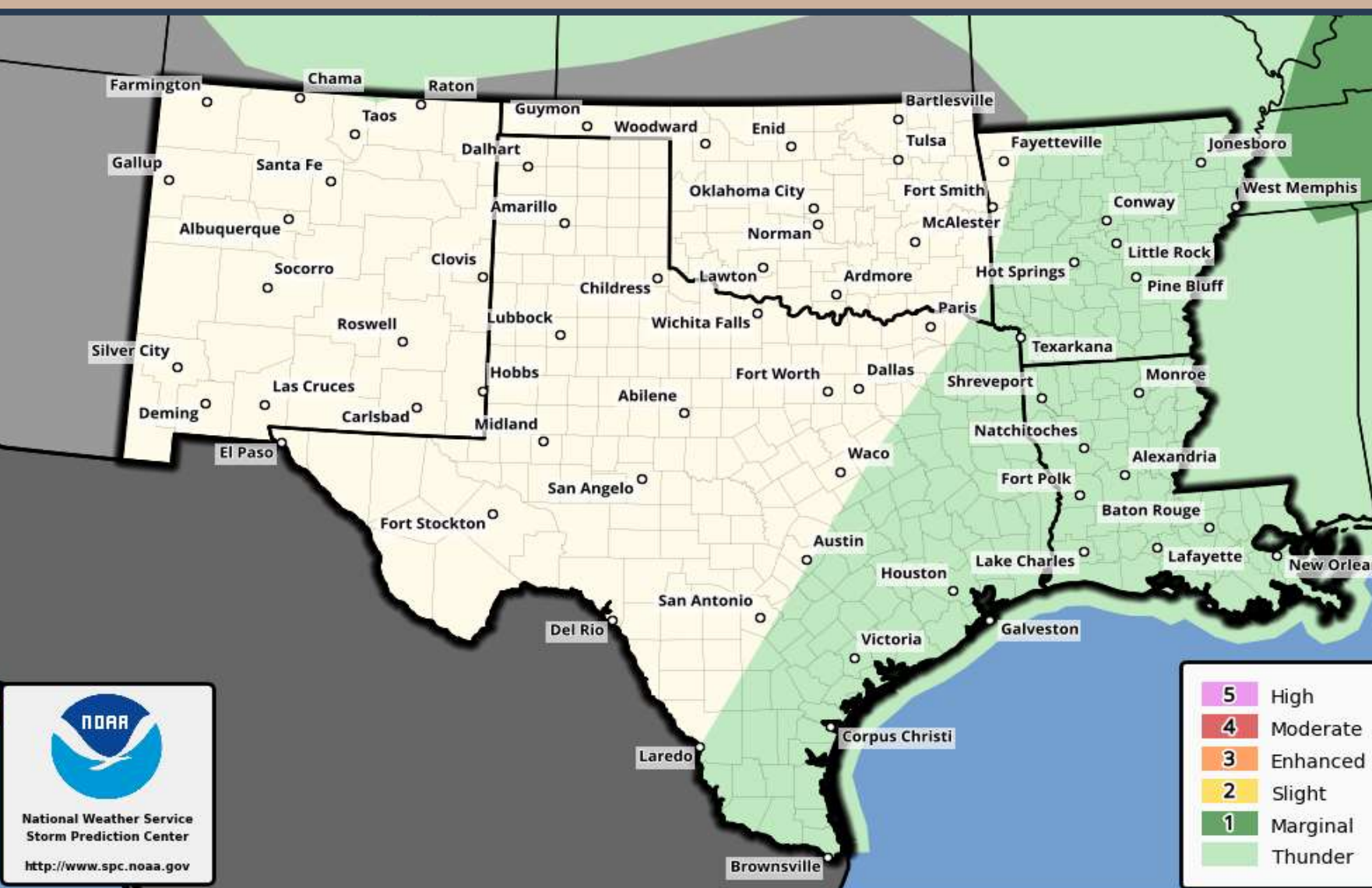
Forecast Rainfall

No significant weather
expected.



Severe Weather Outlook

Excessive Rainfall Outlook

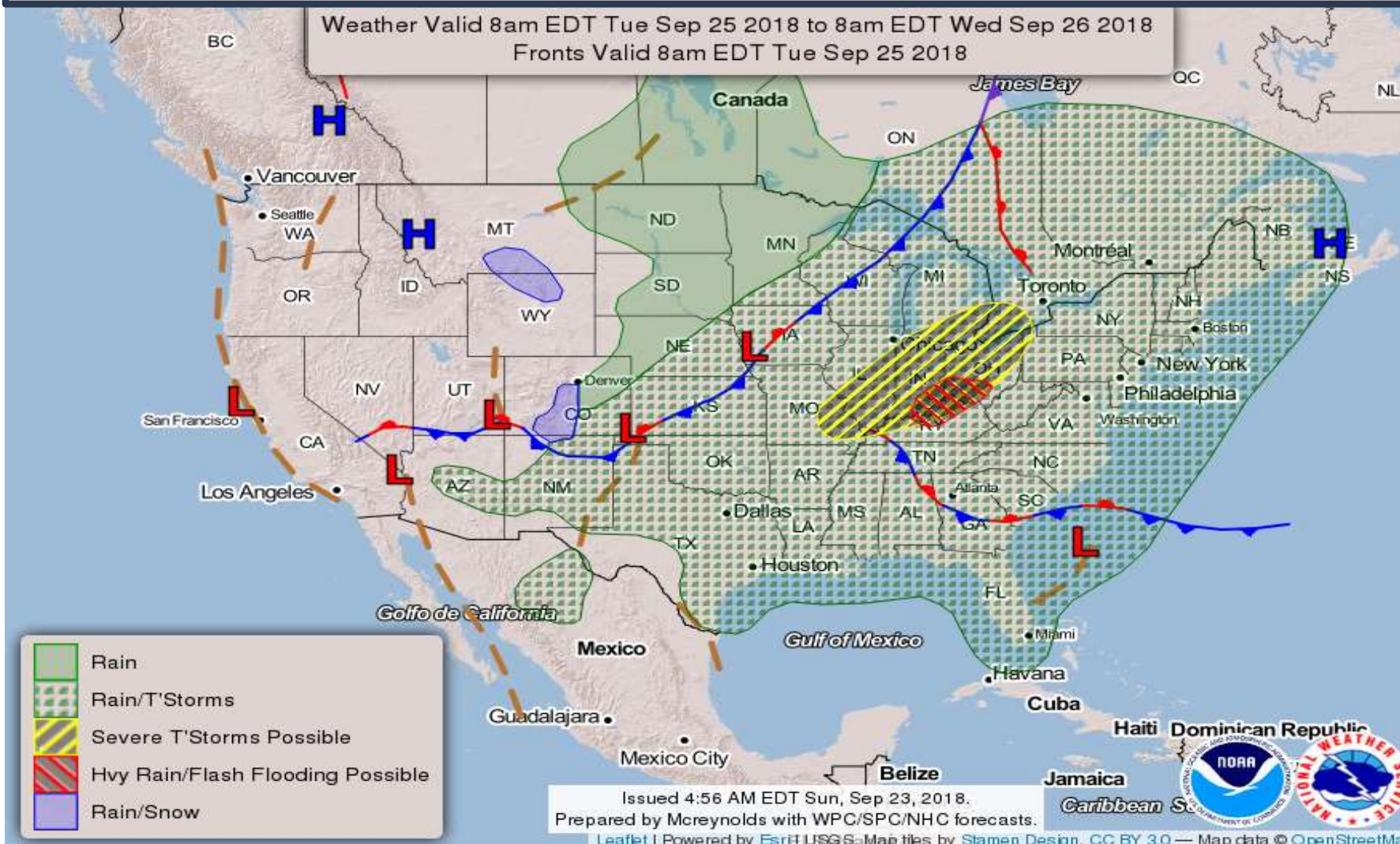


Tuesday's Weather

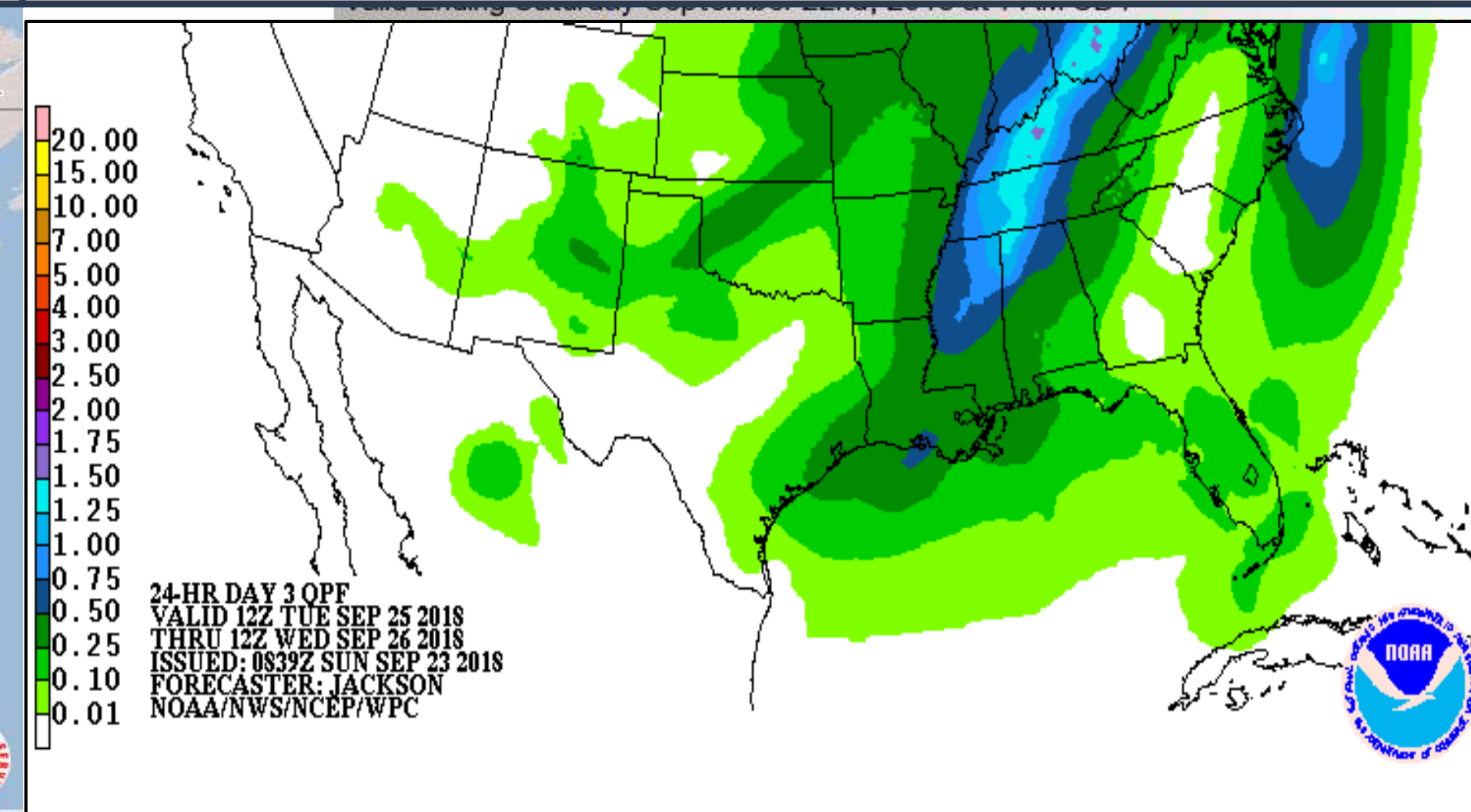


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Forecast Chart

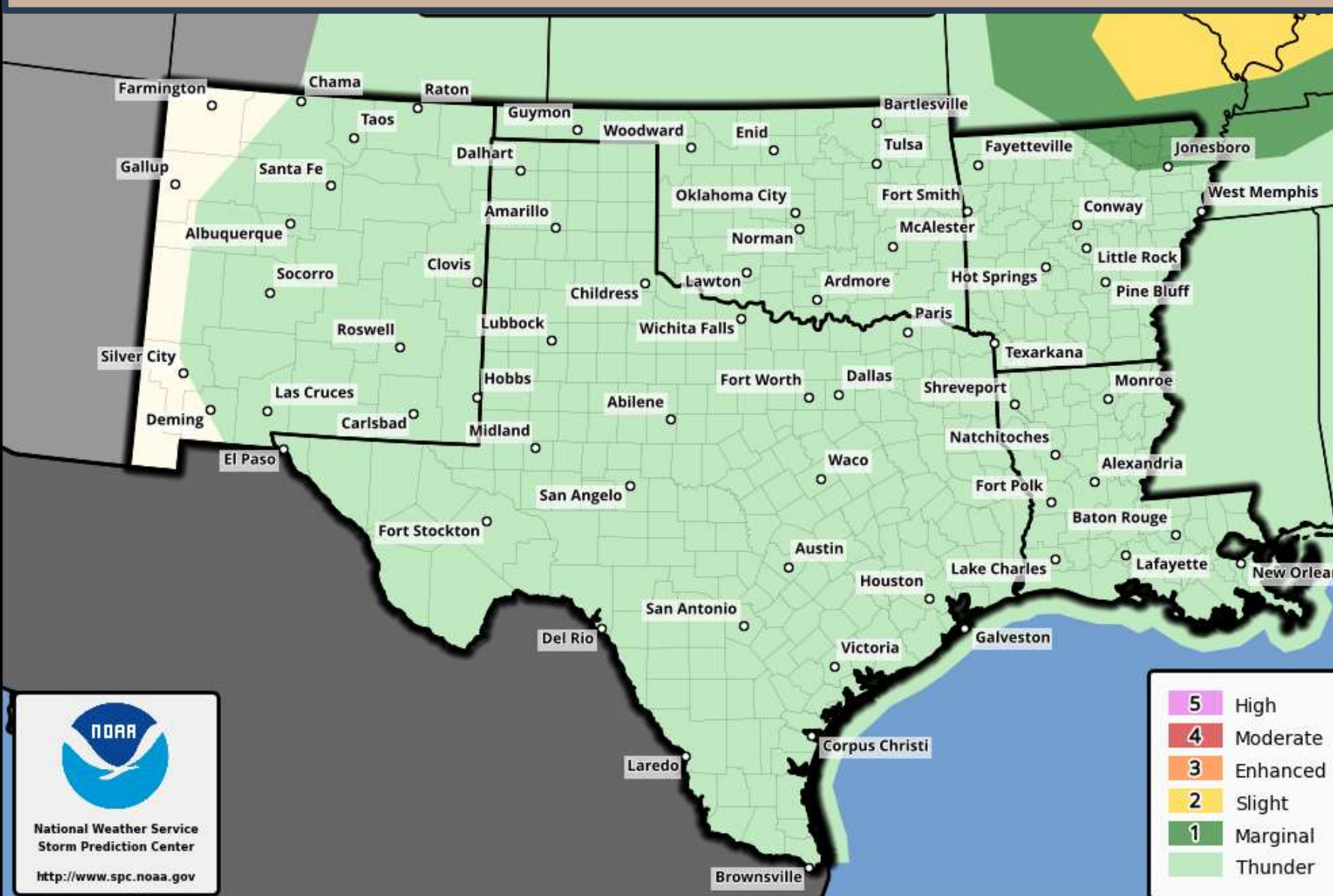


Forecast Rainfall

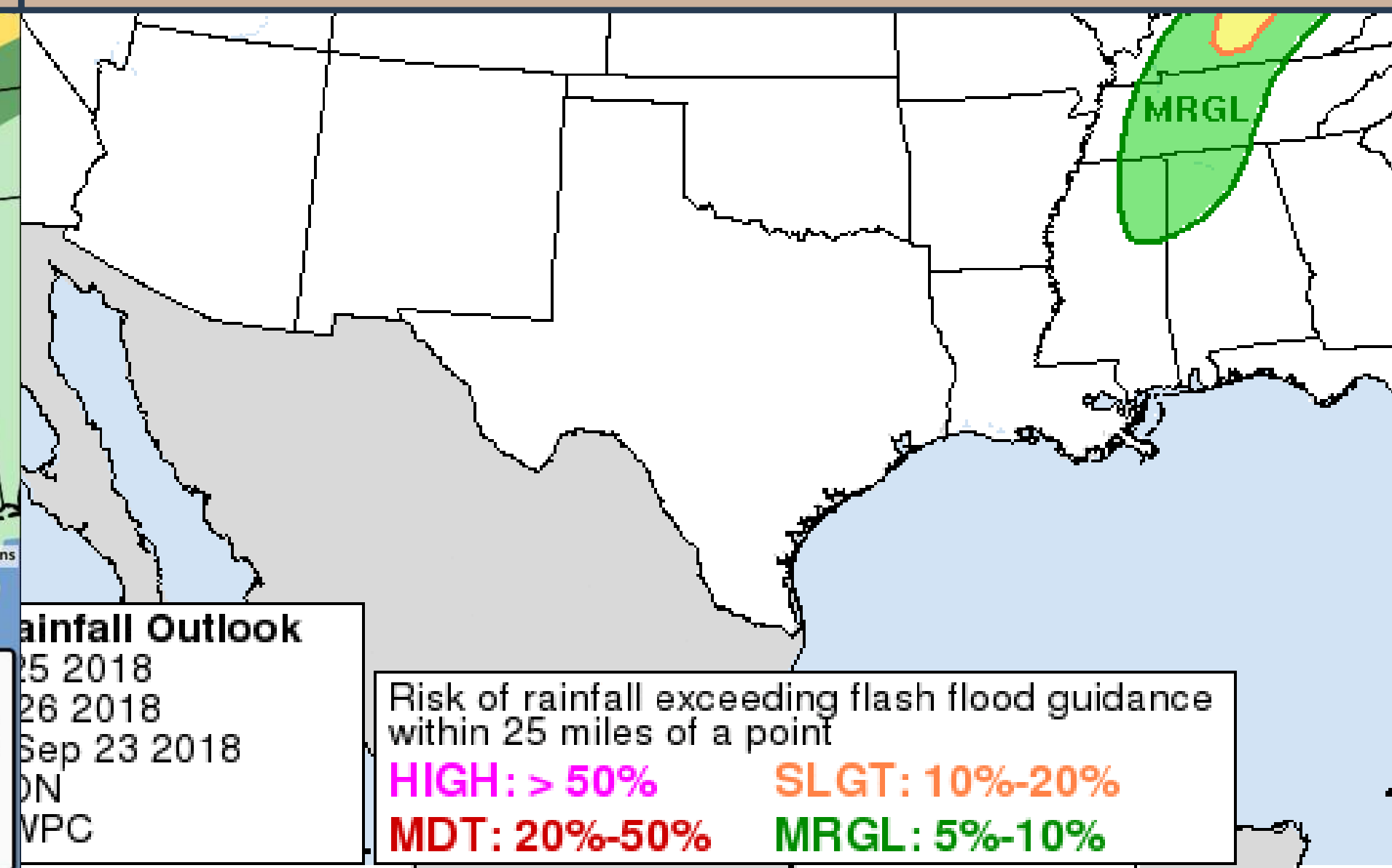


**No significant weather
expected.**

Severe Weather Outlook



Excessive Rainfall Outlook

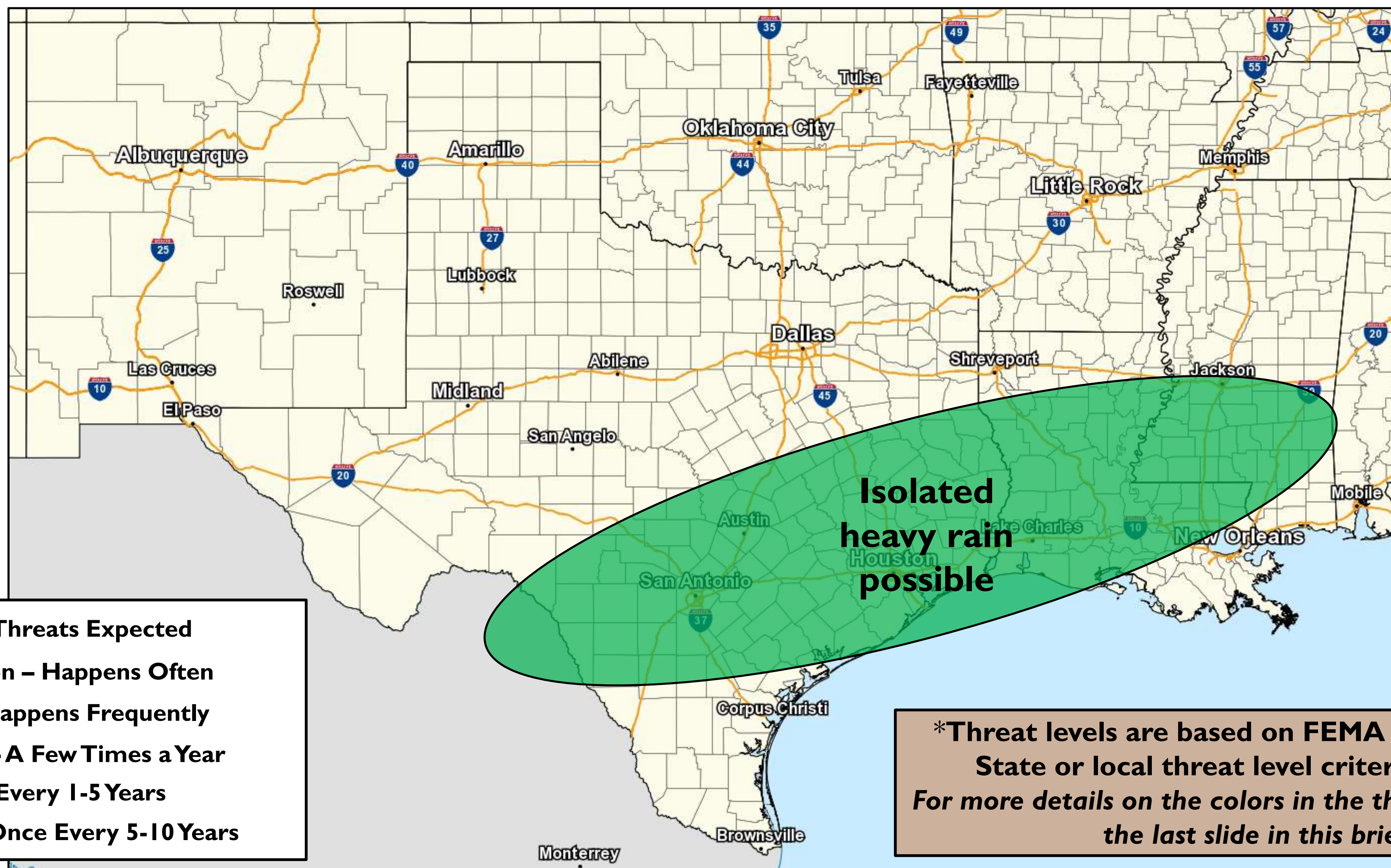


Days 4-5 Weather Hazards

Wednesday - Thursday



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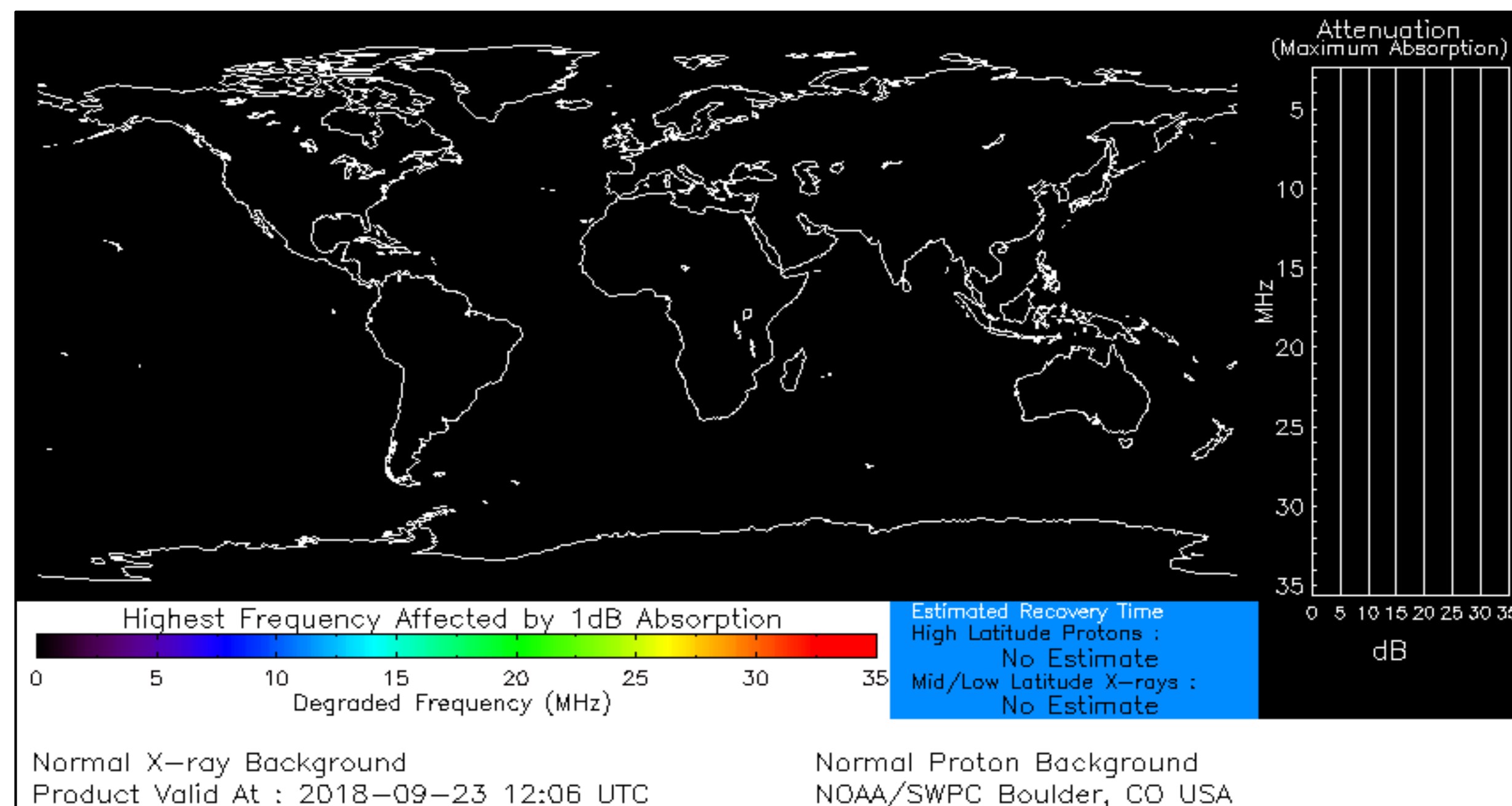
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the last slide in this briefing.*

Space Weather 3-Day Forecast



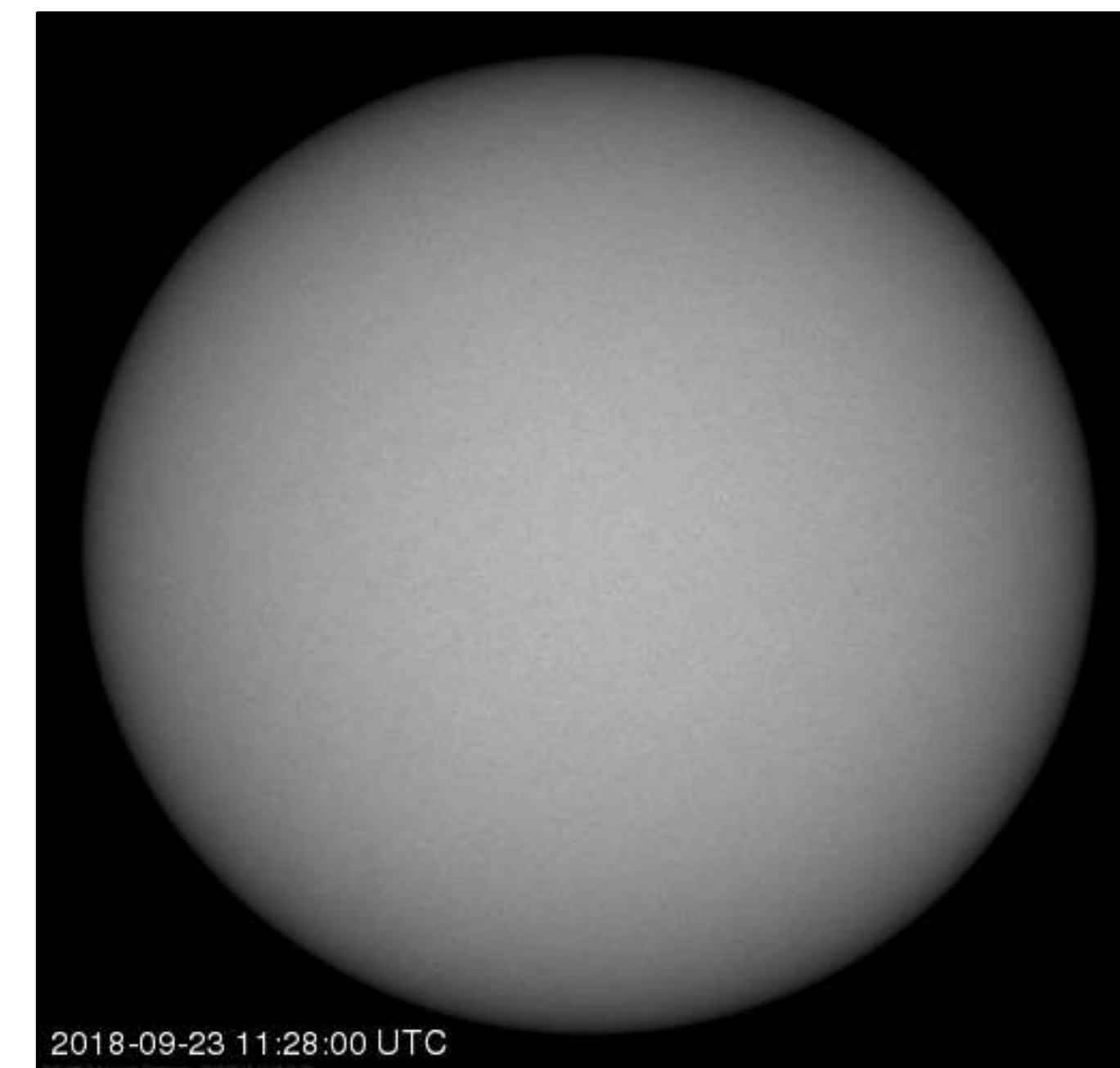
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	Sunday	Monday	Tuesday
Geomagnetic Storms	Quiet to Active (Max Kp = 4)	Quiet to Unsettled (Max Kp = 3)	Quiet (Max Kp = 2)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%



[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)





For more information, please contact:

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Fort Worth, TX

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E-mail: sr-srh.roc@noaa.gov

Web: <http://www.weather.gov/srh>



Weather “Threat” Matrix			
Color	Definition	Criteria	Example(s)
Green	Very Common Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX
Yellow	Somewhat Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1” hail
Orange	Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail Some large fires reported, burn bans advertised, critical conditions expected
Red	Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail Large fires ongoing throughout the area with critical fire weather conditions expected to continue
Purple	Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms

Criteria for the color codes in this briefing is to the left, please provide any feedback to

sr-srh.roc@noaa.gov